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R-009-101.47

**SOUTH GROUNDWATER CONTAMINATION
PLUME REMOVAL ACTION WEEKLY REPORT
JULY 31, 1992**

07/31/92

**DOE-FN/USEPA
3
REPORT**

[REDACTED]

SOUTH GROUNDWATER CONTAMINATION PLUME REMOVAL ACTION

WEEKLY REPORT

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Part 1 - Alternate Water Supply

Condemnation packages were forwarded to the U.S. Army, Corps of Engineers on July 30, 1992, for submittal to the U.S. Department of Justice. The contractor was demobilized until August 28, 1992, pending condemnation of remaining properties.

Part 2 - Pump and Discharge

Package 2A - Discharge Pipeline: On July 28, 1992, the construction at the end of the new outfall pipeline was suspended since concrete rubble was found radiologically contaminated at the location where excavation was being performed to install the last segment of the new outfall pipeline under this contract and the Manhole 183B near the river bank. The contaminated rubble was discovered by a Radiation Safety Technician (RST) who was providing coverage at the job site according to provisions stipulated in Attachment 1 of the Parts 2 & 3 Work Plan. It is believed that the source of this contamination is the same as the one described in the Removal Site Evaluation for contaminated riprap at the Great Miami River Outfall. Accordingly, a plan is being developed following, in general, the procedures implemented in the Best Management Plan action for contaminated riprap. Only the disturbed soils, as a consequence of this removal action, will be screened and disposed of accordingly. Additional characterization of the area will be performed as part of the activities under Operable Unit 5 at a later date.

Pre-construction meeting was held on July 27, 1992, with Sunesis Construction Company, contractor for the outfall cofferdam (Package 2B1).

Requests for Construction Action (RCA) were issued to the Construction Manager for the following construction packages/purchases:

1. Package 2C - Well Field
2. Package 2D - Test Well
3. Recovery Wells Pre-purchase

Part 3 - Installation and Operation of an Interim Advanced Wastewater Treatment (IAWWT) system to reduce uranium contaminant loading to the Great Miami River to a level less than 1,700 pounds per year

IAWWT - Stormwater Retention Basin (SWRB)
IAWWT - Bionitrification/Effluent Treatment System (BDN/ETS).

Completed training for the IAWWT operators.

Operation Readiness Review was completed this week. Startup and operation of both units began on July 30, 1992. Operation milestone date of July 30, 1992, was met.

Part 5 - Groundwater Modeling and Geochemical Investigation

Hydropunching of the two traverse lines south of the proposed recovery well field continues.

General

Enclosed is the property access schedule outlining the latest easement acquisition.

SOUTH GROUNDWATER CONTAMINATION PLUME - PROPERTY ACCESS STATUS/SCHEDULE

31-Jul-92

PART 1 - ALTERNATE WATER SUPPLY

Legend: S - Schedule DOE - Dept of Energy
F - Forecast COE - US Army Corps of Engineers
A - Actual

<u>PROPERTY/INTEREST</u>	<u>RIGHT-OF-ENTRY SURVEY/EXPLOR.</u>	<u>RIGHT-OF-ENTRY CONSTRUCTION</u>	<u>COMMENTS</u>
* Rowe & Rowe, Trustees (Mandery)	Complete	Denied, 3/06/92 S, 8/27/92 F	Secretary of Energy has approved condemnation packages,
* Lienesch, Frank	Denied ----->	Denied, 3/06/92 S, 8/27/92 F	Packages have been transmitted from DOE-HQ to Corps of Engineers for
* Unknown Owner	----->	3/06/92 S, 8/27/92 F	submittal to the Dept of Justice and the U.S. Attorney.
Burton, Clayton & Rose Ann	Complete	Complete	Accepted Easement Offer.
Roy, Clarence	Complete	Complete	Accepted Easement Offer.
CSX Realty	Complete	Complete	Negotiating easement agreement.
Texas Gas & Transmission	Complete	Complete	Indefinite right-of-entry.
Albright & Wilson	Complete	Complete	Perpetual easement not required.
County Roads	Not Required	Not Required	Permit required prior to construction, obtained by construction contractor.

PART 2, Pkgs 2A/2B - DISCHARGE PIPELINE & OUTFALL TO GREAT MIAMI RIVER

COMMENTS

Negotiations complete, Accepted Easement and License Offer.
Negotiations complete, Accepted License Offer.
Negotiations complete, Accepted License Offer.
Agreement signed CG&E management.
Notification sent to Mid-Valley.
Permit required prior to construction, obtained by construction contractor.

<u>PROPERTY/INTEREST</u>	<u>RIGHT-OF-ENTRY SURVEY/EXPLOR.</u>	<u>RIGHT-OF-ENTRY CONSTRUCTION</u>
Knollman Farms (S of Willey Rd)	Complete	Complete, 6/05/92 A
Knollman Farms (E of RT 128)	Complete, 6/05/92 A	Complete, 6/05/92 A
Knollman Farms (W of RT 128)	Complete	Complete, 6/05/92 A
Cincinnati Gas & Electric	3/12/92 S, 7/20/92 A	3/12/92 S, 7/20/92 A
Mid-Valley Crude Oil Co.	Not Required	Not Required
County Roads	Not Required	Not Required

PART 2, Pkgs 2C/2D - WELLFIELD & TEST WELL

COMMENTS

Negotiations in progress...seeking right-of-entry prior to easement agreement.
Response to Just Compensation letter indicates condemnation is likely action.
COE to provide recovery well information requested by Delta Steel.
Negotiating easement agreement.
Negotiations in progress...awaiting report from owner - contracted appraisal.
Negotiations complete, Accepted License Offer.
Agreement signed by owner, sent to DOE-OR Realty.
Negotiations in progress.

<u>PROPERTY/INTEREST</u>	<u>RIGHT-OF-ENTRY SURVEY/EXPLOR.</u>	<u>RIGHT-OF-ENTRY CONSTRUCTION</u>
* Albright & Wilson	5/22/92 S, 8/14/92 F	5/22/92 S, 8/14/92 F
* Delta Steel	Denied ----->	Denied, 5/22/92 S, 12/31/92 F*
CSX Transportation (RR)		
and CSX Realty	5/22/92 S, 6/24/92 A	5/22/92 S, 6/24/92 A
* Weber, Earl	5/22/92 S, 8/14/92 F	5/22/92 S, 8/14/92 F
Knollman Farms (new)		Complete, 6/05/92 A
Harrison Poured Foundations (new)		7/23/92 A
* Texas Gas & Transmission		8/31/92 F
* CSX Realty (new)		8/31/92 F

PART 5 - GROUNDWATER MODELING/GEOCHEMICAL INVESTIGATION

<u>PROPERTY/INTEREST</u>	<u>RIGHT-OF-ENTRY HYDROPUNCHING</u>	<u>RIGHT-OF-ENTRY SOIL VAPOR SURVEY</u>	<u>RIGHT-OF-ENTRY PIEZOMETER(S)</u>
Weber, Earl	Expires 8/30/92	Expires 8/30/92	Expires 11/20/94
* Harrison Poured Foundations	Expires 9/05/92	Expires 9/05/92	** Agreement remailed 5/18/92
* Albright & Wilson	N/A	N/A	** Requested 12/03/91 (Revision of existing agreement)
* CSX Realty	Expires 7/24/93	N/A	** Requested 12/13/91 Awaiting signed agreement from owner
* Ruetgers Chemical	N/A	** Requested 12/13/91	Expires 1/10/97
Evers, Mary	N/A	Expires 9/04/92	N/A
* Schiering, William	N/A	Expires 10/03/92	** Agreement remailed 6/25/92.
Buckeye Foundry	N/A	N/A	Expires 3/25/97

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